Title (en)
ALPHA CHANNEL POWER SAVINGS IN GRAPHICS UNIT

Title (de)
ALPHAKANAL-STROMEINSPARUNGEN IN EINER GRAFIKEINHEIT

Title (fr)
ÉCONOMIES D'ÉNERGIE SUR UNE VOIE ALPHA D'UN MODULE GRAPHIQUE

Publication
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Application
EP 13706371 A 20130212

Priority
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Abstract (en)
[origin: US2013215134A1] A graphics processing circuit and method for power savings in the same is disclosed. In one embodiment, a graphics processing circuit includes a number of channels. The number of channels includes a number of color component channels that are each configured to process color components of pixel values of an incoming frame of graphics information. The number of channels also includes an alpha scaling channel configured to process alpha values (indicative of a level of transparency) for the incoming and/or outgoing frames. The graphics processing circuit also includes a control circuit. The control circuit is configured to place the alpha scaling channel into a low-power state responsive to determining that at least one of the incoming or outgoing frames does not include alpha values.

IPC 8 full level
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